

	Type	Hits	Search Text	DBs
1	IS&R	864	(360/69).CCLS.	USPAT
2	BRS	3840	"idle mode" or "power saving mode"	USPAT
3	BRS	24	((360/69).CCLS.) and ("idle mode" or "power saving mode")	USPAT
4	BRS	16	((360/69).CCLS.) and latch\$3 and idle	USPAT
5	BRS	154	((360/69).CCLS.) and latch\$3	USPAT
6	BRS	4	"6018432"	USPAT
7	IS&R	1	("6018432").PN.	USPAT
8	BRS	213	((360/69).CCLS.) and magnetic near disc	USPAT
9	BRS	46	((360/69).CCLS.) and magnetic near disc and latch	USPAT
10	BRS	19	((360/69).CCLS.) and spindle same latch	USPAT
11	BRS	5	((360/69).CCLS.) and spindle with latch	USPAT
12	BRS	0	((360/69).CCLS.) and spindle near latch	USPAT
13	BRS	138	latch\$3 with "magnetic disk"	USPAT
14	BRS	7	360/69 and (latch\$3 with "magnetic disk")	USPAT
15	BRS	1312	360/69 and (stop\$3 or (latch with disk))	USPAT
16	BRS	341	360/69 and (stop\$3 or latch) with disk	USPAT
17	BRS	120	360/69 and (stop\$3 or latch) with spindle	USPAT
18	BRS	130	360/69 and (stop\$3 or latch or lock) with spindle	USPAT
19	BRS	122	360/69 and (stop\$3 or lock) with spindle	USPAT
20	BRS	62	360/69 and (latch\$3 or lock\$3) with spindle	USPAT
21	BRS	16	360/69 and "magnetic disk" with substrate	USPAT
22	BRS	1	"4562489".PN.	USPAT
23	BRS	1	"4607300".PN.	USPAT
24	BRS	1	"4752850".PN.	USPAT
25	BRS	1	"4991039".PN.	USPAT
26	BRS	1603	"magnetic disk" with substrate	USPAT
27	BRS	1281	"magnetic disk" with substrate and film	USPAT
28	BRS	524	"magnetic disk" with substrate and "magnetic film"	USPAT
29	BRS	2	360/69 and "magnetic disk" with substrate and "magnetic film"	USPAT
30	BRS	0	360/69 and latch\$3 adj "magnetic disk"	USPAT
31	BRS	0	360/69 and latch\$3 near "magnetic disk"	USPAT
32	BRS	6	360/69 and latch\$3 near ("magnetic disk" or spindle or motor)	USPAT
33	BRS	1	360/69 and bimetal	USPAT
34	BRS	48	360/\$ and bimetal	USPAT
35	BRS	4	360/\$ and bimetal with latch	USPAT
36	IS&R	1612	(360/74.1).CCLS.	USPAT; JPO
37	BRS	0	((360/74.1).CCLS.) and latch\$3 near ("magnetic disk" or spindle or motor)	USPAT
38	BRS	30	((360/74.1).CCLS.) and latch\$3 same ("magnetic disk" or spindle or motor)	USPAT
39	BRS	177	((360/74.1).CCLS.) and (latch\$3 or stop) same ("magnetic disk" or spindle or motor)	USPAT
40	BRS	1	360/\$ and "shape memory alloy" with latch	USPAT
41	BRS	6	360/\$ and "shape memory" and (metal or alloy) with latch	USPAT
42	BRS	1173	latch\$3 with magnetic and disk	USPAT
43	BRS	30610	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5))))	USPAT
44	BRS	2122	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))) and (360/\$.ccls. or 369/\$.ccls.)	USPAT
45	BRS	2803	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))) and (360/\$.ccls. or 369/\$.ccls.)	USPAT
46	BRS	28	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))) and 360/74.1.ccls.	USPAT

UPDATED
2/19/02
DW

	Time Stamp
1	2004/02/11 10:11
2	2003/07/02 16:46
3	2003/07/02 16:51
4	2003/07/02 16:51
5	2003/07/02 17:15
6	2003/07/02 17:29
7	2003/07/02 17:40
8	2003/07/02 17:40
9	2003/07/02 17:55
10	2003/07/02 17:57
11	2003/07/02 18:01
12	2003/07/07 08:38
13	2003/07/08 11:52
14	2003/07/07 09:26
15	2003/07/07 08:51
16	2003/07/07 08:52
17	2003/07/07 08:55
18	2003/07/07 08:55
19	2003/07/07 08:59
20	2003/07/07 09:00
21	2003/07/07 09:18
22	2003/07/07 09:16
23	2003/07/07 09:16
24	2003/07/07 09:17
25	2003/07/07 09:17
26	2003/07/07 09:18
27	2003/07/07 09:19
28	2003/07/07 09:26
29	2003/07/07 09:36
30	2003/07/07 09:37
31	2003/07/07 09:37
32	2003/07/07 09:54
33	2003/07/07 09:44
34	2003/07/07 09:44
35	2003/07/07 10:46
36	2003/07/07 09:52
37	2003/07/07 09:54
38	2003/07/07 10:26
39	2003/07/07 10:26
40	2003/07/07 10:48
41	2003/07/07 10:48
42	2003/07/07 15:27
43	2003/07/07 15:57
44	2003/07/07 15:50
45	2003/07/07 15:50
46	2003/07/07 16:37

	Type	Hits	Search Text	DBs
47	BRS	30610	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and (((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5))))	USPAT
48	BRS	887	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and (((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5))))	EPO; JPO; DERWENT
49	BRS	64	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and (((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5))))	EPO
50	IS&R	85529	(360).CLAS.	USPAT; JPO
51	BRS	671	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and (((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5))))	DERWENT
52	BRS	152	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and (((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5))))	JPO
53	BRS	230	"magnetic disk apparatus".ti.	USPAT
54	IS&R	1	("5982586").PN.	USPAT; JPO
55	BRS	71881	(latch\$3 or lock\$3 or restrict) and (spindle or hub)	USPAT
56	BRS	27593	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1)	USPAT
57	BRS	0	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and g11b.ipc.	USPAT
58	BRS	4715	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and g11b\$.ipc.	USPAT
59	BRS	6	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and bimetal and g11b\$.ipc.	USPAT
60	BRS	4202	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and motor and g11b\$.ipc.	USPAT
61	BRS	6861	(latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and g11b\$.ipc.	USPAT
62	BRS	4391	(latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism and g11b\$.ipc.	USPAT
63	BRS	36	360/74.1.cccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism and g11b\$.ipc.	USPAT
64	BRS	50	360/74.1.cccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism	USPAT; EPO; JPO; DERWENT
65	BRS	2972	360/\$.cccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism	USPAT; EPO; JPO; DERWENT
66	BRS	6	360/\$.cccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism and bimetal	USPAT; EPO; JPO; DERWENT
67	BRS	1037	360/\$.cccls. and ((latch\$3 or lock\$3 or restrict) with motor) and (disc\$1 or disk\$1)	USPAT; EPO; JPO; DERWENT
68	BRS	890	360/\$.cccls. and ((latch\$3 or lock\$3 or restrict) with motor) and (disc\$1 or disk\$1) and head	USPAT; EPO; JPO; DERWENT
69	BRS	636	360/\$.cccls. and ((latch\$3 or lock\$3 or restrict) with motor) and (disc\$1 or disk\$1) and head and mechanism	USPAT; EPO; JPO; DERWENT
70	BRS	271	360/\$.cccls. and (latch\$3 with motor) and (disc\$1 or disk\$1) and head and mechanism	USPAT; EPO; JPO; DERWENT
71	BRS	630	360/\$.cccls. and ((latch\$3 or lock\$3) with motor) and (disc\$1 or disk\$1) and head and mechanism	USPAT; EPO; JPO; DERWENT
72	BRS	383	360/\$.cccls. and ((latch\$3 or lock\$3) with motor) same (disc\$1 or disk\$1) and head and mechanism	USPAT; EPO; JPO; DERWENT
73	BRS	40	360/\$.cccls. and ((latch\$3 or lock\$3) with motor) same (disc\$1 or disk\$1) and head and electromagnet	USPAT; EPO; JPO; DERWENT
74	BRS	17	360/\$.cccls. and ((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1) and head and electromagnet	USPAT; EPO; JPO; DERWENT

	Time Stamp
47	2003/07/07 17:09
48	2003/07/07 16:58
49	2003/07/07 17:08
50	2003/07/07 17:15
51	2003/07/07 17:42
52	2003/07/07 17:22
53	2003/07/08 11:24
54	2003/07/08 11:52
55	2003/07/08 11:53
56	2003/07/08 11:54
57	2003/07/08 11:55
58	2003/07/08 11:55
59	2003/07/08 11:57
60	2003/07/08 12:00
61	2003/07/08 12:01
62	2003/07/08 12:03
63	2003/07/08 12:07
64	2003/07/08 12:09
65	2003/07/08 12:09
66	2003/07/08 12:13
67	2003/07/08 12:14
68	2003/07/08 12:16
69	2003/07/08 12:17
70	2003/07/08 12:18
71	2003/07/08 12:18
72	2003/07/08 13:22
73	2003/07/08 13:25
74	2003/07/08 13:29

	Type	Hits	Search Text	DBs
75	BRS	0	360/\$.ccls. and ((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1) and head and electromagnet	JPO
76	BRS	0	((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1) and head and electromagnet	JPO
77	BRS	50	((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1)	JPO
78	BRS	4207	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3)	USPAT
79	BRS	1237	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3) and interface	USPAT
80	BRS	1136	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3) and interface and head	USPAT
81	BRS	29	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3) and ((writing or reading) adj circuit)	USPAT
82	BRS	76	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) adj circuit)	USPAT
83	BRS	1	"6005736".PN.	USPAT
84	BRS	1982	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) same circuit)	USPAT
85	BRS	840	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) same circuit) and (latch\$3 or lock\$3)	USPAT
86	BRS	73	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) same circuit) and (latch\$3 or lock\$3) and idle	USPAT
87	BRS	0	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (latch\$3 or lock\$3) and "shape metal alloy"	USPAT
88	BRS	4	360/\$.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (latch\$3 or lock\$3) and bimetal	USPAT
89	BRS	1	"4996617".PN.	USPAT
90	BRS	1	"5982586".PN.	USPAT
91	BRS	1	"6061207".PN.	USPAT
92	IS&R	2	(("6061207") or ("4996617")).PN.	USPAT; JPO
93	BRS	278	360/\$.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and alloy	USPAT
94	BRS	10	360/\$.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and (shape with alloy)	USPAT
95	BRS	8	360/\$.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and "shape memory alloy"	USPAT
96	BRS	943	360/\$.ccls. and (disc\$1 or disk\$1) and ((latch\$3 or lock\$3) with motor)	USPAT
97	BRS	22	360/\$.ccls. and (disc\$1 or disk\$1) and ((latch\$3 or lock\$3) adj motor)	USPAT
98	BRS	1	360/\$.ccls. and (disc\$1 or disk\$1) and ((latch\$3 or lock\$3) adj motor same magnet)	USPAT
99	BRS	79	360/\$.ccls. and (disc\$1 or disk\$1) and (((latch\$3 or lock\$3) with head) same motor same magnet)	USPAT
100	BRS	1029	360/\$.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and (VCM or "voice coil motor")	USPAT
101	BRS	526	360/\$.ccls. and (disc\$1 or disk\$1) and (((latch\$3 or lock\$3) with head) and (VCM or "voice coil motor"))	USPAT
102	IS&R	1	("4985793").PN.	USPAT; JPO
103	BRS	1	"01238048"	JPO
104	BRS	0	"403100965"	JPO
105	BRS	1	"03100965"	JPO
106	IS&R	7	(("5034837") or ("5532891") or ("5583724") or ("5612842") or ("5636090") or ("5671104") or ("5812345")).PN.	USPAT; JPO
107	IS&R	1	("4658308").PN.	USPAT; JPO
108	BRS	51	360/\$.ccls. and bimetal	USPAT; JPO
109	BRS	1	"4996617".PN.	USPAT
110	BRS	1	"5982586".PN.	USPAT
111	BRS	1	"6061207".PN.	USPAT
112	IS&R	1	("5034837").PN.	USPAT; JPO
113	BRS	0	((latch\$3 or lock\$3) with ((spindle or hub)) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
114	BRS	96874	((latch\$3 or lock\$3) with ((spindle or hub or rotor\$3 or motor)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Time Stamp
75	2003/07/08 13:29
76	2003/07/08 13:29
77	2003/07/08 13:51
78	2003/07/08 13:54
79	2003/07/08 13:54
80	2003/07/08 13:55
81	2003/07/08 13:58
82	2003/07/08 14:00
83	2003/07/08 13:59
84	2003/07/08 14:01
85	2003/07/08 14:01
86	2003/07/08 14:36
87	2003/07/08 14:42
88	2003/07/08 17:12
89	2003/07/08 14:38
90	2003/07/08 14:39
91	2003/07/08 14:39
92	2003/07/08 14:41
93	2003/07/08 14:43
94	2003/07/08 14:44
95	2003/07/08 15:21
96	2003/07/08 15:00
97	2003/07/08 15:04
98	2003/07/08 15:06
99	2003/07/08 15:22
100	2003/07/08 15:21
101	2003/07/08 15:41
102	2003/07/08 15:41
103	2003/07/08 17:14
104	2003/07/08 17:14
105	2003/07/09 11:53
106	2003/07/09 16:06
107	2003/07/09 17:36
108	2003/07/09 17:36
109	2003/07/09 16:46
110	2003/07/09 16:46
111	2003/07/09 16:47
112	2003/07/09 17:27
113	2004/02/07 17:10
114	2004/02/11 10:01

	Type	Hits	Search Text	DBs
115	BRS	22494	((latch\$3 or lock\$3) near ((spindle or hub or rotor\$3 or motor or disk or disc)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
116	BRS	24880	((latch\$3 or lock\$3 or restrict\$4) near ((spindle or hub or rotor\$3 or motor or disk or disc)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
117	BRS	48849	((latch\$3 or lock\$3 or restrict\$4) near2 ((spindle or hub or rotor\$3 or motor or disk or disc)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
118	BRS	93522	360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
119	BRS	1723	(((latch\$3 or lock\$3 or restrict\$4) near2 ((spindle or hub or rotor\$3 or motor or disk or disc)))) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
120	BRS	2151	360/69.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
121	BRS	54	(((latch\$3 or lock\$3 or restrict\$4) near2 ((spindle or hub or rotor\$3 or motor or disk or disc)))) and 360/69.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
122	BRS	79370	369/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
123	BRS	1459	(((latch\$3 or lock\$3 or restrict\$4) near2 ((spindle or hub or rotor\$3 or motor or disk or disc)))) and 369/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
124	BRS	251353	((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or rotor\$3 or motor)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
125	BRS	125968	((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
126	BRS	5502	((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
127	BRS	5502	((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop) and 360/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
128	BRS	67396	((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))	USPAT
129	BRS	125968	((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
130	BRS	20894	((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk)) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))	USPAT
131	BRS	93563	360/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
132	BRS	1623	((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
133	BRS	1228	360/73.01.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
134	BRS	529	360/73.03.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
135	BRS	657	360/99.08.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
136	BRS	2154	360/69.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
137	BRS	7	((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.cccls.) and 360/73.01.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
138	BRS	124	((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.cccls.) and 360/69.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
139	BRS	23	((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.cccls.) and 360/99.08.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

	Time Stamp
115	2004/02/07 17:26
116	2004/02/07 17:27
117	2004/02/07 17:28
118	2004/02/07 17:30
119	2004/02/07 17:29
120	2004/02/07 17:53
121	2004/02/07 17:31
122	2004/02/07 17:53
123	2004/02/07 17:53
124	2004/02/11 10:02
125	2004/02/11 10:07
126	2004/02/11 10:10
127	2004/02/11 10:11
128	2004/02/11 10:11
129	2004/02/11 10:11
130	2004/02/11 10:11
131	2004/02/11 10:12
132	2004/02/11 10:12
133	2004/02/11 10:12
134	2004/02/11 10:13
135	2004/02/11 10:58
136	2004/02/11 10:13
137	2004/02/11 10:37
138	2004/02/11 10:37
139	2004/02/11 10:37

	Type	Hits	Search Text	DBs
140	BRS	86	(((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.ccls.) and 360/73.03.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
141	BRS	102	(((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.ccls.) and 360/69.ccls.) not (((((detect\$4 or sens\$4 or monitor\$4) with (mov\$3 or stop\$4 or rotat\$4 or spin\$4) with (motor or spindle or rotor or disc or disk))) and (((latch\$3 or lock\$3 or restrict\$3 or stop\$4) with ((spindle or hub or motor or rotor\$3 or motor or disc or disk))) and (portable or remov\$4 or transport\$5 or laptop))) and 360/\$.ccls.) and 360/73.03.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
142	BRS	2	5157566.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
143	BRS	2	5157566.URPN.	USPAT
144	BRS	2	5157566.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Time Stamp	
140	2004/02/11 12:03
141	2004/02/11 13:11
142	2004/02/11 13:11
143	2004/02/11 13:12
144	2004/02/19 11:23

	Type	Hits	Search Text
1	IS&R	864	(360/69).CCLS.
2	BRS	3840	"idle mode" or "power saving mode"
3	BRS	24	((360/69).CCLS.) and ("idle mode" or "power saving mode")
4	BRS	16	((360/69).CCLS.) and latch\$3 and idle
5	BRS	154	((360/69).CCLS.) and latch\$3
6	BRS	4	"6018432"
7	IS&R	1	("6018432").PN.
8	BRS	213	((360/69).CCLS.) and magnetic near disc
9	BRS	46	((360/69).CCLS.) and magnetic near disc and latch
10	BRS	19	((360/69).CCLS.) and spindle same latch
11	BRS	5	((360/69).CCLS.) and spindle with latch
12	BRS	0	((360/69).CCLS.) and spindle near latch
13	BRS	138	latch\$3 with "magnetic disk"
14	BRS	7	360/69 and (latch\$3 with "magnetic disk")
15	BRS	1312	360/69 and (stop\$3 or (latch with disk))
16	BRS	341	360/69 and (stop\$3 or latch) with disk
17	BRS	120	360/69 and (stop\$3 or latch) with spindle
18	BRS	130	360/69 and (stop\$3 or latch or lock) with spindle
19	BRS	122	360/69 and (stop\$3 or lock) with spindle
20	BRS	62	360/69 and (latch\$3 or lock\$3) with spindle
21	BRS	16	360/69 and "magnetic disk" with substrate
22	BRS	1	"4562489".PN.
23	BRS	1	"4607300".PN.
24	BRS	1	"4752850".PN.
25	BRS	1	"4991039".PN.
26	BRS	1603	"magnetic disk" with substrate
27	BRS	1281	"magnetic disk" with substrate and film
28	BRS	524	"magnetic disk" with substrate and "magnetic film"
29	BRS	2	360/69 and "magnetic disk" with substrate and "magnetic film"
30	BRS	0	360/69 and latch\$3 adj "magnetic disk"
31	BRS	0	360/69 and latch\$3 near "magnetic disk"
32	BRS	6	360/69 and latch\$3 near ("magnetic disk" or spindle or motor)
33	BRS	1	360/69 and bimetal
34	BRS	48	360/\$ and bimetal
35	BRS	4	360/\$ and bimetal with latch
36	IS&R	1612	(360/74.1).CCLS.
37	BRS	0	((360/74.1).CCLS.) and latch\$3 near ("magnetic disk" or spindle or motor)

	DBs	Time Stamp	Comments	Error Definition
1	USPAT	2003/07/07 08:40		
2	USPAT	2003/07/02 16:46		
3	USPAT	2003/07/02 16:51		
4	USPAT	2003/07/02 16:51		
5	USPAT	2003/07/02 17:15		
6	USPAT	2003/07/02 17:29		
7	USPAT	2003/07/02 17:40		
8	USPAT	2003/07/02 17:40		
9	USPAT	2003/07/02 17:55		
10	USPAT	2003/07/02 17:57		
11	USPAT	2003/07/02 18:01		
12	USPAT	2003/07/07 08:38		
13	USPAT	2003/07/08 11:52		
14	USPAT	2003/07/07 09:26		
15	USPAT	2003/07/07 08:51		
16	USPAT	2003/07/07 08:52		
17	USPAT	2003/07/07 08:55		
18	USPAT	2003/07/07 08:55		
19	USPAT	2003/07/07 08:59		
20	USPAT	2003/07/07 09:00		
21	USPAT	2003/07/07 09:18		
22	USPAT	2003/07/07 09:16		
23	USPAT	2003/07/07 09:16		
24	USPAT	2003/07/07 09:17		
25	USPAT	2003/07/07 09:17		
26	USPAT	2003/07/07 09:18		
27	USPAT	2003/07/07 09:19		
28	USPAT	2003/07/07 09:26		
29	USPAT	2003/07/07 09:36		
30	USPAT	2003/07/07 09:37		
31	USPAT	2003/07/07 09:37		
32	USPAT	2003/07/07 09:54		
33	USPAT	2003/07/07 09:44		
34	USPAT	2003/07/07 09:44		
35	USPAT	2003/07/07 10:46		
36	USPAT; JPO	2003/07/07 09:52		
37	USPAT	2003/07/07 09:54		

	Errors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0

	Type	Hits	Search Text
38	BRS	30	((360/74.1).CCLS.) and latch\$3 same ("magnetic disk" or spindle or motor)
39	BRS	177	((360/74.1).CCLS.) and (latch\$3 or stop) same ("magnetic disk" or spindle or motor)
40	BRS	1	360/\$ and "shape memory alloy" with latch
41	BRS	6	360/\$ and "shape memory" and (metal or alloy) with latch
42	BRS	1173	latch\$3 with magnetic and disk
43	BRS	30610	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or
44	BRS	2122	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))) and (360/\$.ccls. or 369/\$.ccls)
45	BRS	2803	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))) and (360/\$.ccls. or 369/\$.ccls.)
46	BRS	28	((impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or dataadj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or restrict\$5)))) and 360/74.1.ccls.
47	BRS	30610	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or

	DBs	Time Stamp	Comments	Error Definition
38	USPAT	2003/07/07 10:26		
39	USPAT	2003/07/07 10:26		
40	USPAT	2003/07/07 10:48		
41	USPAT	2003/07/07 10:48		
42	USPAT	2003/07/07 15:27		
43	USPAT	2003/07/07 15:57		
44	USPAT	2003/07/07 15:50		
45	USPAT	2003/07/07 15:50		
46	USPAT	2003/07/07 16:37		
47	USPAT	2003/07/07 17:09		

	Errors
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0

	Type	Hits	Search Text
48	BRS	887	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or
49	BRS	64	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or
50	IS&R	85529	(360).CLAS.
51	BRS	671	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or
52	BRS	152	(impact\$ or destruct\$5 or damag\$4 or drop\$4 or crash\$) and ((latch\$3 or lock\$3) and ((spindle or hub) and (((disc\$1 or disk\$1 or data adj carrier\$1 or CD or LD or MD or ((record\$3 or storage or information\$2 or optical) adj2 (media or medium)) or DVD or CDROM or DVR or mindisk\$1 or minidisc\$1 or platter \$1)) and latch\$3 or lock\$3 or
53	BRS	230	"magnetic disk apparatus".ti.
54	IS&R	1	("5982586").PN.
55	BRS	71881	(latch\$3 or lock\$3 or restrict) and (spindle or hub)
56	BRS	27593	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1)
57	BRS	0	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and g11b.ipc.
58	BRS	4715	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and g11b\$.ipc.
59	BRS	6	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and bimetal and g11b\$.ipc.
60	BRS	4202	(latch\$3 or lock\$3 or restrict) and (spindle or hub) and (disc\$1 or disk\$1) and motor and g11b\$.ipc.
61	BRS	6861	(latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and g11b\$.ipc.

	DBs	Time Stamp	Comments	Error Definition
48	EPO; JPO; DERWENT	2003/07/07 16:58		
49	EPO	2003/07/07 17:08		
50	USPAT; JPO	2003/07/07 17:15		
51	DERWENT	2003/07/07 17:42		
52	JPO	2003/07/07 17:22		
53	USPAT	2003/07/08 11:24		
54	USPAT; JPO	2003/07/08 11:52		
55	USPAT	2003/07/08 11:53		
56	USPAT	2003/07/08 11:54		
57	USPAT	2003/07/08 11:55		
58	USPAT	2003/07/08 11:55		
59	USPAT	2003/07/08 11:57		
60	USPAT	2003/07/08 12:00		
61	USPAT	2003/07/08 12:01		

	Errors
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0

	Type	Hits	Search Text
62	BRS	4391	(latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism and g11b\$.ipc.
63	BRS	36	360/74.1.ccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism and g11b\$.ipc.
64	BRS	50	360/74.1.ccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism
65	BRS	2972	360/.ccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism
66	BRS	6	360/.ccls. and (latch\$3 or lock\$3 or restrict) and (spindle or hub or motor) and (disc\$1 or disk\$1) and mechanism and bimetal
67	BRS	1037	360/.ccls. and ((latch\$3 or lock\$3 or restrict) with motor) and (disc\$1 or disk\$1)
68	BRS	890	360/.ccls. and ((latch\$3 or lock\$3 or restrict) with motor) and (disc\$1 or disk\$1) and head
69	BRS	636	360/.ccls. and ((latch\$3 or lock\$3 or restrict) with motor) and (disc\$1 or disk\$1) and head and mechanism
70	BRS	271	360/.ccls. and (latch\$3 with motor) and (disc\$1 or disk\$1) and head and mechanism
71	BRS	630	360/.ccls. and ((latch\$3 or lock\$3) with motor) and (disc\$1 or disk\$1) and head and mechanism
72	BRS	383	360/.ccls. and ((latch\$3 or lock\$3) with motor) same (disc\$1 or disk\$1) and head and mechanism
73	BRS	40	360/.ccls. and ((latch\$3 or lock\$3) with motor) same (disc\$1 or disk\$1) and head and
74	BRS	17	360/.ccls. and ((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1) and head and electromagnet
75	BRS	0	360/.ccls. and ((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1) and head and electromagnet
76	BRS	0	((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1) and head and electromagnet
77	BRS	50	((latch\$3 or lock\$3) with ((spindle or spin) adj motor)) same (disc\$1 or disk\$1)
78	BRS	4207	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3)
79	BRS	1237	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3) and interface

	DBs	Time Stamp	Comments	Error Definition
62	USPAT	2003/07/08 12:03		
63	USPAT	2003/07/08 12:07		
64	USPAT; EPO; JPO; DERWENT	2003/07/08 12:09		
65	USPAT; EPO; JPO; DERWENT	2003/07/08 12:09		
66	USPAT; EPO; JPO; DERWENT	2003/07/08 12:13		
67	USPAT; EPO; JPO; DERWENT	2003/07/08 12:14		
68	USPAT; EPO; JPO; DERWENT	2003/07/08 12:16		
69	USPAT; EPO; JPO; DERWENT	2003/07/08 12:17		
70	USPAT; EPO; JPO; DERWENT	2003/07/08 12:18		
71	USPAT; EPO; JPO; DERWENT	2003/07/08 12:18		
72	USPAT; EPO; JPO; DERWENT	2003/07/08 13:22		
73	USPAT; EPO; JPO; DERWENT	2003/07/08 13:25		
74	USPAT; EPO; JPO; DERWENT	2003/07/08 13:29		
75	JPO	2003/07/08 13:29		
76	JPO	2003/07/08 13:29		
77	JPO	2003/07/08 13:51		
78	USPAT	2003/07/08 13:54		
79	USPAT	2003/07/08 13:54		

	Errors
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0

	Type	Hits	Search Text
80	BRS	1136	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3) and interface and head
81	BRS	29	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (lock\$3 or latch\$3) and ((writing or reading) adj circuit)
82	BRS	76	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) adj circuit)
83	BRS	1	"6005736".PN.
84	BRS	1982	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) same
85	BRS	840	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) same circuit) and (latch\$3 or lock\$3)
86	BRS	73	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and ((writing or reading) same circuit) and (latch\$3 or lock\$3) and idle
87	BRS	0	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (latch\$3 or lock\$3) and "shape metal alloy"
88	BRS	4	360/.ccls. and (disc\$1 or disk\$1) and (spindle or hub or motor) and (latch\$3 or lock\$3) and bimetal
89	BRS	1	"4996617".PN.
90	BRS	1	"5982586".PN.
91	BRS	1	"6061207".PN.
92	IS&R	2	(("6061207") or ("4996617")).PN.
93	BRS	278	360/.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and alloy
94	BRS	10	360/.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and (shape with alloy)
95	BRS	8	360/.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and "shape memory alloy"
96	BRS	943	360/.ccls. and (disc\$1 or disk\$1) and ((latch\$3 or lock\$3) with motor)
97	BRS	22	360/.ccls. and (disc\$1 or disk\$1) and ((latch\$3 or lock\$3) adj motor)
98	BRS	1	360/.ccls. and (disc\$1 or disk\$1) and ((latch\$3 or lock\$3) adj motor same magnet)
99	BRS	79	360/.ccls. and (disc\$1 or disk\$1) and (((latch\$3 or lock\$3) with head) same motor same magnet)
100	BRS	1029	360/.ccls. and (disc\$1 or disk\$1) and (latch\$3 or lock\$3) and (VCM or "voice coil motor")
101	BRS	526	360/.ccls. and (disc\$1 or disk\$1) and (((latch\$3 or lock\$3) with head) and (VCM or "voice coil motor"))
102	IS&R	1	("4985793").PN.

	DBs	Time Stamp	Comments	Error Definition
80	USPAT	2003/07/08 13:55		
81	USPAT	2003/07/08 13:58		
82	USPAT	2003/07/08 14:00		
83	USPAT	2003/07/08 13:59		
84	USPAT	2003/07/08 14:01		
85	USPAT	2003/07/08 14:01		
86	USPAT	2003/07/08 14:36		
87	USPAT	2003/07/08 14:42		
88	USPAT	2003/07/08 17:12		
89	USPAT	2003/07/08 14:38		
90	USPAT	2003/07/08 14:39		
91	USPAT	2003/07/08 14:39		
92	USPAT; JPO	2003/07/08 14:41		
93	USPAT	2003/07/08 14:43		
94	USPAT	2003/07/08 14:44		
95	USPAT	2003/07/08 15:21		
96	USPAT	2003/07/08 15:00		
97	USPAT	2003/07/08 15:04		
98	USPAT	2003/07/08 15:06		
99	USPAT	2003/07/08 15:22		
100	USPAT	2003/07/08 15:21		
101	USPAT	2003/07/08 15:41		
102	USPAT; JPO	2003/07/08 15:41		

	Errors
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	0
100	0
101	0
102	0

	Type	Hits	Search Text
103	BRS	1	"01238048"
104	BRS	0	"403100965"
105	BRS	1	"03100965"
106	IS&R	7	(("5034837") or ("5532891") or ("5583724") or ("5612842") or ("5636090") or ("5671104") or ("5812345")).PN.
107	IS&R	1	("4658308").PN.
108	BRS	51	360/\$.ccls. and bimetal
109	BRS	1	"4996617".PN.
110	BRS	1	"5982586".PN.
111	BRS	1	"6061207".PN.
112	IS&R	1	("5034837").PN.
113	BRS	6048	360/75.cccls.
114	BRS	459	360/75.cccls. and (writ\$3 or read\$3) adj (command or signal)
115	BRS	13	(360/75.cccls. and (writ\$3 or read\$3) adj (command or signal)) and (latch\$3) near5 head

	DBs	Time Stamp	Comments	Error Definition
103	JPO	2003/07/08 17:14		
104	JPO	2003/07/08 17:14		
105	JPO	2003/07/09 11:53		
106	USPAT; JPO	2003/07/09 16:06		
107	USPAT; JPO	2003/07/09 17:36		
108	USPAT; JPO	2003/07/09 17:36		
109	USPAT	2003/07/09 16:46		
110	USPAT	2003/07/09 16:46		
111	USPAT	2003/07/09 16:47		
112	USPAT; JPO	2003/07/09 17:27		
113	USPAT; EPO; JPO; DERWENT	2003/07/21 15:02		
114	USPAT; EPO; JPO; DERWENT	2003/07/21 15:04		
115	USPAT; EPO; JPO; DERWENT	2003/07/21 15:04		

	Errors
103	0
104	0
105	0
106	0
107	0
108	0
109	0
110	0
111	0
112	0
113	0
114	0
115	0